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			Application Number	133					
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FORM			First Named Inventor	O'NEIL	O'NEILL, Mary				
·			Art Unit	3841	3841				
(to be used for all correspondence after initial filing)			Examiner Name	CHAME	CHAMBERS, Troy				
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ENCLOSURES (Check all that apply)									
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2004-10-14

PTO/SB/17 (10-04v2) Approved for use through 07/31/2006, OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known FEE TRANSMITTAL 10/615,133 Application Number 07/08/2003 Filing Date for FY 2005 O'NEILL, Mary First Named Inventor Effective 10/01/2004. Patent fees are subject to annual revision. CHAMBERS, Troy Examiner Name Applicant claims small entity status. See 37 CFR 1.27 3641 Art Unit **TOTAL AMOUNT OF PAYMENT** (\$) 110.00 02W234 Attorney Docket No. METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) 3. ADDITIONAL FEES Check Credit card Other None Large Entity | Small Entity Deposit Account: Fos Fee Description Deposit Account (\$) Code ne Paid 50-0616 1051 130 2051 65 Surcharge - late filing fee or oath Number Decoalt Surcharge - late provisional filing fee or 1052 50 2052 26 RAYTHEON COMPANY cover sheet Name 1053 130 1053 130 Non-English specification Director is authorised to: (check all that apply) 1812 2,520 For filing a request for ex parte reexamination 1812 2,520 Charge fee(s) Indicated below Credit any overpayments 1804 920 1804 920" Requesting publication of SIR prior to Charge any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below, except for the filling fee Requesting publication of SIR after Examiner action 1805 1,8401 1805 1,840\* to the above-identified deposit account. 110 1251 110 2251 Extension for reply within first month FEE CALCULATION Extension for reply within second month 1252 430 2252 215 1. BASIC FILING FEE 1253 980 2253 Extension for raply within third month arge Entity Small Entity Fee Paid Fee Description 1254 1,530 2254 765 Extension for reply within fourth month 1255 2.080 2255 1.040 Extension for reply within fifth month 1001 790 2001 395 Littity filling fee 1401 340 2401 170 Notice of Appeal 1002 350 2002 175 Design filling fee 1402 340 2402 170 Filling a brief in support of an appeal 1003 550 2003 275 Plant fling fee Reissue filing fee 1403 300 2403 150 Request for onal hearing 1004 790 2004 395 1005 160 2005 Provisional filling fee 1451 1,510 1451 1,510 Petition to institute a public use proceeding 80 1452 2452 55 Petition to revive - unavoidable SUBTOTAL (1) (\$) 0 1453 1.370 2453 685 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 2501 1.370 685 Utility issue fee (or relacue) Ext<u>ra Cleim</u>s below 1502 490 2502 245 Design issue fee Total Claims X 1503 680 2503 330 Plant issue fee Independent Cleims 1460 130 1460 130 Petitions to the Commissioner Multiple Decendent 1807 50 1807 50 Processing fee under 37 CFR 1.17(a) ense Entity **S**mall Entity 1806 180 1808 180 Submission of Information Disclosure Stmt. Fee Description Fee Fee Code (\$) 40 Recording each patent assignment per (\$) 8021 40 8021 property (times number of properties) 1202 2202 Claims in excess of 20 18 9 395 Filling a submission after final rejection (37 CFR 1.129(a)) 1809 790 2609 independent claims in excess of 3 1201 88 2201 44 1203 300 2203 150 Multiple dependent claim, if not paid 790 395 For each additional invention to be 1810 2810 examined (37 CFR 1.129(b)) 85 2204 \*\* Relacue independent claims 1204 over original patent 1 RO 1 790 2801 395 Request for Continued Examination (RCE) 900 Request for expedited examination of a design application 1802 900 1802 1205 18 2205 ā \*\* Release claims in excess of 20 and over original patent (\$) O Other fee (specify) SUBTOTAL (2) \*Reduced by Basic Filing Fee Pald SUBTOTAL (3) (\$) 110.00 \*\*or number previously peid, if greater; For Reissues, see above SUBMITTED BY (Complete (V applicable)) Registration No. Name (Print/Type) William C. Schubert 30,102 Telephone 8055822108

In duplicate

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Name (PrintType) William C. Schubert		Registra		30,10		_		
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Attorney Docket No. 02W234

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Date: October 14, 2004

OCT 1 4 2004

O'NEILL, Mary

Application No. 10/615,133

Group Art Unit: 3641

Filed:

07/08/2003

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Examiner: CHAMBERS, Troy

INIFRARED SIGNATURE OF AN OBJECT

For: OBSCURATION METHOD FOR REDUCING THE

: VIA FACSIMILE 703-872-9306

## RESPONSE TO RESTRICTION REQUIREMENT

Commissioner for Patents
United States Patent and Trademark Office
P O BOX 1450
Alexandria VA 22313-1450

Sir:

In response to the Office action dated August 17, 2004, in this case, Applicant responds as follows:

With respect to the lettered group a, Applicant elects Species E directed to an obscuring agent comprising carbon dioxide gas and water vapor.

With respect to the lettered group b, Applicant elects Species G directed to a hot region comprising a plume of hot gas following from an aircraft.

With respect to the lettered group  ${\bf c}$ , Applicant elects Species  ${\bf I}$  directed to an obscuring agent generated by the aircraft.

With respect to the lettered group d, Applicant's attorney has spoken with the Examiner on October 14, 2004, concerning whether it is in fact Species H or Species I that should trigger the Applicant to elect either Species J or Species K from lettered group d. Applicant believes that it is the selection of Species I which Applicant has elected which should trigger the election of Species J or Species K. Therefore, Applicant elects Species K from lettered group d.

The claims readable in the aforesaid election of Species C, G, I, and K are claims 1, 2, 4, 6, 8, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, and 22.

The restriction requirement is traversed on the grounds that claim 1 is generic to all of the species mentioned in lettered groups a through d, inclusive, as is claim 22.

Application No. 10/615,133 Art Unit 3641 October 14, 2004

Page 2

Applicant requests reconsideration of the restriction requirement and examination of all the claims.

This response is submitted along with a petition and fee for a one-month extension of time for reply.

Respectfully submitted,

William C. Schubert, Registration No. 30,102

Telephone No. (805) 562-2108

Date: 2004-10-14

WCS:04rrr.pto:02W234 VIA FACSIMILE

Attachments: Transmittal Form

Extension of Time (In duplicate for deposit account)

FY 2005 Fee Transmittal Form (in duplicate for deposit account)

## CERTIFICATE OF MAILING OR TRANSMISSION FAX 703-872-9306

I hereby certify that this correspondence and the documents attached therein are being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P O Box 1450, Alexandria VA 22313 or are being facsimile transmitted to the USPTO, on the date written:

William C. Schubert	(Depositor's name)					
Willon Co	Rub (Signature)					
2004-10-14	(Date)					